Music and theatthe German Tribune in Germany

founded a Philharmonic Orchestra, and from 1960 to 1963 the unique "Philharmonie" at the Kemperplatz In Berlin was built, 2,200 terraced seats with the podium in the centre. A place for great conductors, for great concerts. It shows

As early as 1882 musicians in Berlin that Germany has castles and palaces, cities and industry but also unusual temples of the arts. Other examples are the theatre set on a monumental flight of outdoor stairs in the medieval town of Schwäbisch-Hall; the Baroque garden theatre in

Hanover-Herrenhausen: theatre in the palace of Scho gen near Mannheim, founde 1749, and the Munich Open Bavarian National Theatre: 1811, burnt down later and its full splendour in 1963. Am grand and elegant music is

Suzuki, standard bearer for the new Japan

has come into its own once and vall in 1981 as a great power and a that cannot be ignored in world

t friction between Japan and the ted States, not to mention its afwith in Tokyo, has shown, however, the process of recognition has yet to

leing acknowledged as an emancited partner of the United States; nor, that matter, has America yet come to as with the idea.

ropeans look on Japan as a far-discountry; Japan itself feels very ch out on a limb. Geographical disce can give rise to political distance failure to understand, which must

The Ispanese are currently making elves unpopular in the world by hing others the old lesson that to by at the top in a civilisation based on vanced technology calls for incontestlough international competition.

feared than held in high esteem, that at a time when it would dearly and not only for economic reasons,

Japanese Premier Zenko Suzuki's with Bonn Chancellor Helmut dt must be seen in a context than that of preparing for the

IN THIS ISSUE

EAFFAIRS w CDU administration kes stock in Berlin

THIRD WORLD andt hits out at guns-over-butter iltude that hurts poor nations

LEAR ENERGY hen atom warhead hits atom power station . . .

Iphili struggle in research ito chromosome disorders

Western economic summit in Ot-

Both countries' foreign policy leeway lampered by domestic policy considemons, the general public failing to aptdate international political connota-

la Japan pacificism is still popular in lorm in which the response to dein 1945 and the lesson taught the ipanese by the United States.

Nowadays, however, the Japanese leadership takes a different view, knowing full well that Japan cannot carry on as though there were no such thing as stra-

to cover the whole of Japan.

not yet seem to have realised that nuclear weapons are already deployed that could be used by the Soviet Union for purposes of military blackmail.

The Soviet Union is viewed as a mischief-maker that resorts to military pressure and political subversion to frustrate Japanese interests, in the Persian Gulf even jeopardising 70 per cent of Japan's

Japan has as little interest as does the West in a concerted and provocative encirclement of the Soviet Union but, out there on its own, it is bound to feel the need for gentle but determined containment of the Soviet desire for expan-

better understanding of the position by the general public. For the time being the Japanese public, despite being interested in safeguards

Allied fleet in the Indian Ocean. This state of affairs naturally comes in

A WEEKLY REVIEW OF THE GERMAN WEEKLY

Soviet SS-20 missiles based near Irkutsk are well within range not only of all South-East Asia but also in a position

Yet the Japanese general public do

Japanese policies, on the other hand, must be aimed at peace, which alone can help to ensure that world markets remain open or accessible to its export

Yet there is a world of difference between this realisation and the making of appropriate decisions by the organs of lapanese democracy. This gap can only be bridged by a

for the Persian Gulf, are far from approving any idea of participation in an

for criticism. Japan saves itself the trouble and expense of a professional



army of any size, let alone the high technical cost of armaments nowadays.

Criticism is countered by competent Japanese with the argument that Japan making progress in this context, slowly

Japan could, if it were to step up its military capacity, control access to surrounding waters and do so by way of

Yet this would block the exit routes of the entire Soviet fleet in the Far East, which currently totals 1,600,000 tons.

Japan is also manufacturing under licence the F-15 combat aircraft, a run of 100 units, and doing so without much fuss, gaining technological knowhow in the process.

By way of comparison, the Tornado is causing nothing but political trouble in Germany, whereas Japan is quietly going ahead with building the F-15, which is even more expensive and rguably better.

Thus preparations for suitable Japanese defence precautions are aimed at the more distant future, and the Japa-

nese public are in the dark as to what is

ISSN 0016-8858

Japanese leaders are bound to view the increasing inability to act of China with anxiety, while in view of Soviet conventional armament alone trust in the US nuclear shield is steadily becoming mere lip service.

Thus there is a growing inclination to confer in confidence with the West while at the same time making it clear that Japan in its current historical position cannot be rated an automatic ally of

Germany, as Japan's second most important partner in the West, must bear in mind these two main factors, Japan's isolated location and its industrial signi-

It must do so in a way that, to be on the safe side, quietly disregards what night be taken to be a matter of course.

Cordiality notwithstanding, Bonn and Tokyo face the tough task of coming to a new understanding the extent of which cannot yet be judged.

Robert Held (Frankfurter Allgemeins Zeitung für Deutschland, 9 June 1981)

Thear is going the rounds in Central Europe: the fear of Germany proving a theatre of nuclear conflict before the end of the decade.

Nuclear hostilities between the superpowers, carried out in Europe, might well prove feasible without running the full risk Russia and America would have to run in the event of a direct, full-scale nuclear showdown.

For decades several thousand US atomic warheads have been stored virtually unnoticed on German soil.

Only now, in the middle of the missile, modernisation debate, has a wider public come to appreciate what dreadful weapons have ensured peace and relative security in Europe for the past 30 years.

Yet for not a few people in this country it is not the Soviet SS-20 missiles but the new US Pershing missiles that constitute the threat.

None of the critics of missile modemisation have, however, convincingly

Counting the nuclear possibilities

medium-range missiles within targets in Western Europe.

One such target that is expressly admitted to be a Soviet target is the Federal Republic of Germany.

And no-one has convincingly explained why the Soviet Union should be allowed to use medium-range missile to blackmail Western Europe but the West must dispense with missiles in this ca-

Is it a case of Europe being worried to. death, so much so that it is prepared to be suicidal in its renunciations?

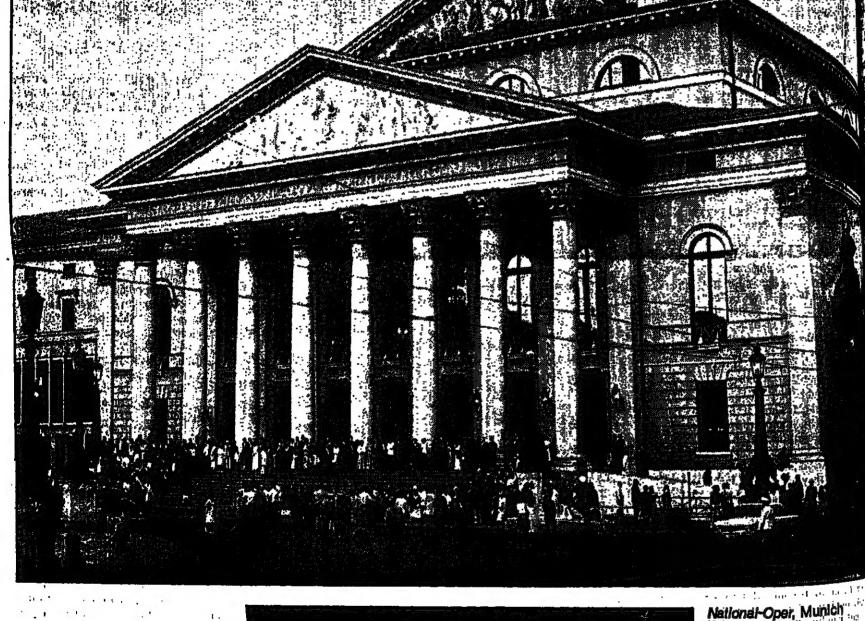
Missiles are not there to be used but as a deterrent to blackmail of any kind, although this kind of deterrent might be said merely to promote the arms race. The Soviet Union certainly loses no

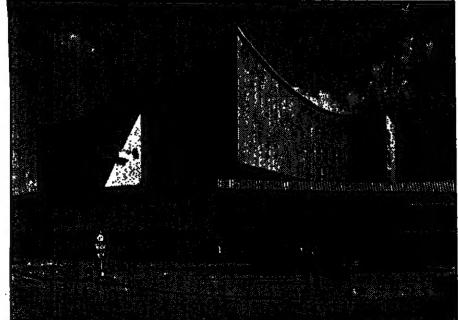
opportunity of saying it will rearm too if the United States modernises its atomic arsenal in Europe. That would mean death not by suicide

but by a uncontrolled arms race leading sooner or later, almost automatically to Anxiety is intensified by the fact that neither superpower is behaving in a manner one might wish for as a Ger-

While continually talking about its desire for deterite and disarmament the Soviet Union is deploying one after another the missiles that led to the Nato missile modernisation decision in the

Continued on page 2





 ϕ_{ij} (a ϕ_{ij}^{*}) ϕ_{ij}^{*} may reason in fraging to the total distinctional explains to all alighter the tail from making Charles of bill back that h Frequestical configuration to the Observed Burn Burn State contact to a major by milital s and word tolling the account.

Philharmonie, Berlin

DEUTSCHE Manage constitution in as much as military function and membership of al-

Ominous rumblings from Moscow hint at Poland's day of reckoning

THE GERMAN TRIBUNE

he Polish Communist Party is sud-A denly said to be teaming with no- as a rule enough for 'people down below litical chameleons, the country to be no longer to want to carry on as before." overflowing with anti-Soviet terrorists.

The Soviet Union and its allies have deployed all their reserves in the media campaign against Warsaw, and it looks as though the propaganda battle is coming to a head.

The old men in the Kremlin are signalling their conviction that their hold over the East Bloc is more important to them than their reputation, let alone their fame after death.

They seem determined no longer to postpone the toughest decision they are likely to have to make in their political lifetimes should Poland remain Intrans-

The warning letter to the Polish Party sounded similar in content to the final warnings to Mr Dubcek in Czechoslovakia in 1968. In its form it resembled Stalin's 1948 letter to the Yugoslav Communists.

Kania and Jaruzelski, Moscow mainly complained, had not done enough to combat counter-revolution, and as in the case of the Soviet condemnation of Tito the complaint was lodged not with the politbureau, the leadership, but with the 150-member central committee.

The central committee, the Kremlin clearly implied, ought to draw the appropriate conclusions, hand over power to the pro-Soviet minority faction led by Stefan Olszowski and call off the fortheoming Party conference.

Weeks ago Moscow's last remaining friends in Poland abandoned all hope of surviving the conference politically. In Prague in 1968 the Party congress was forestalled by the Warsaw Pact invasion of Czecoslovakia.

In Warsaw in 1981 the Kremlin would like to see Mr Olszowski and his men make a last-ditch Polish stand to obviate the need for Soviet tanks to put paid to the reforms.

But Party leader Stanislaw Kanja at a hurriedly summoned meeting of the central committee showed determination to lead the death-or-glory squad himself.

He confirmed that the ideological struggle had been neglected and that the Party had been fragmented by opportunicm and Social Democratism.

He announced that there were to be manpower changes in the mass media. He called for a return to discipline, but not for an end to reforms.

He referred to one of the most dramatic moments in Poland's 1,000-year history, yet he falled to cancel the most dangerous deadline of all, the 14 July Party conference,

Parallels with the final days of the Dubcek era in Prague are seemingly overwhelming, but it would still be wrong to go entirely by analogies.

In Prague the Soviet tanks' objective was clearly outlined and easily surrounded. It was the Central Committee building on the banks of the Moldau, from which the Party had entrusted the public with the process of democratisation.

In Warsaw intervention would be an attack on the entire Polish people, on factories transformed into fortresses, because the Poles have taken matters out of the Party's hands.

in Prague overt revisionism was in full flower, whereas in Poland revolution a world power. as defined by Lenin is under way:

For revolution to break out it is not It is also essential for people at the top no longer to be able to do so."

Kremlin Leninists have long analysed this state of affairs, which unlike Prague permits no more than a choice between two devastating defeats.

They know well enough what awaits them if they opt for military intervention; an army of dead, the assumption of responsibility for billions in foreign debts and the feeding of 25 million Poles who hate their guts.

This is probably what has induced the Polish philosopher Leszek Kolakowski to tell overhasty pessimists and prophets of gloom that Poland proves that what despotic socialism can stomach depends entirely on the distribution of power.

The miracle that is Poland has certainly gone a long way towards bearing out Kolakowski's claim. Changes over the past year have exceeded all expecta-

The free trade unions have succeeded in covering the length and breadth of the country in their bid for a more balanced distribution of political power.

The Church has gained more extensive rights. The media have achieved a degree of freedom unprecedented in post-war Poland, Parliamentary controls and an independent judiciary are beginning to take shape.

In view of the distribution of power Moscow was prepared to tolerate much of this, but from the outset there were two clear limits to the extent of Finlandisation the Soviet Union would be prepared to stomach within its sphere of influence.

There must be no undermining of Poland's membership of the Warsaw Pact and the facade of Communist rule had to be able to withstand the pressure of an extraordinary Party congress.

Moscow has now issued a frank warning and final signal to the effect that neither of these two limits must be exceeded. All have been warned.

With four weeks to go to the first extraordinary congress in the history of the Polish United Workers' Party, the Solidarity trade union organisation was still calling for only 15 per cent of Party officials to be retained.

Nine out of 10 delegates to the congress, all of whom have so far been voted by secret ballot, have been elected for the first time, young technicians in particular.

Few workers have bothered to stand for election, feeling only Solidarity still stands for their interests, not the Party.

In the upper echelons of the Party only two men have survived grass-root hearings and been nominated as delegates to the congress. They are the reformers Barczikowski and Fiszbach.

With a Communist Party democratised to such an extent Poland can no longer possibly remain a reliable ally of the Soviet Union, despite all protestations to the contrary.

So it was clear from the start how much the Soviet system would be able to stomach. Why, then, has there been no stopping the Poles?

The miracle that is Poland has been sustained by the strength and discipline of the masses and by mass demonstrations, but the small cells and circles set up all over the country have been unable to maintain this discipline.

Workers and peasants discovered in nearly every village and nearly every hall that the Danzig accords were initially sabotaged and delayed by the local Party hierarchy.

Increased pressure from below obliged the Party at the grass roots to resort to self-help and put its own house in order. Two out of three regional Party leaders were sacked, as were 30 Deputy

in world affairs can no longer be what it was in the early 70s.

visit Moscow later this month they will call to mind the need for Bonn's erstwhile Ostpolitik, but unlike 10 years ago they are no longer empowered to negotiate on Bonn's behalf and Bonn's

negotiate.

arms race.

· But Bonn can no longer do the negotiating. There is no way in which Bonn policy can induce the Russians to phase missile modernisation superfluous.

United States to negotiate if Washington does not want to do so.

Adrian Zielcke (Stuttgarter Zeitung, 6 June 1981)

Ministers and 30 state secretary to thousand Party members and Tombe AFFAIRS pelled too.

on the entire Soviet system falls h the Polish economy back on the ac-

Instead it led to a progression to ration in relations between the R public and the powers that be held ing anger and flooring disciple labour morale.

Public awareness and dela heightened while production and handle the ies suffered from the worst bolk knownDP administrative apparatus. since the days of Stalin.

but the share in responsibility that it drove the SPD go-dustrial democracy entails the least to desperation. of workers' participation in manage dustrial democracy entails the te new administration, under strictly to the Communists.

it was a decision assigned to the fall guys.

facing partners ready to compression subsidies because Bonn with the powers that be.

with the powers that be.

Thus nationalism was the only a Weizsacker is willing to risk the they held in common, but it fak made it clear since come up with a political power to exclion victory last month that he cut a reform of the system that us his to exercise the mandate of the

The Kremlin has for the puty been content to look on as this protest is prepared to put up with condi-has gained momentum, but it hat as they are and see his CDU Intervention would, for inting,

naid to Mr Brezhnev's Westpolith 12/28 not even kept a senatorial post and plunge Eastern Europe int found gloom.

from America's apron strings.

Nato's missile modemissim Pulstnate.

from the White House.

send in the troops?

gramme would be much easier to a blif possible this consensus should out and might even be intensified the the SPD, which has promised US Defence Secretary Casps Without not be obstructionist.

berger, who has advised Europe to the are those who say that it can-bark on welfare cuts to finance for the done in the long run. But von build-up, might well find himself to acker differs. He even considers golent support from a quarter for row is with a minority as an opportu-At their last session in Bruselt, it at hand rather than making po-Defence Ministers already ruled suggessions.

arms control talks were to be scrape to so, he will have to be prepared the Soviet Union were to invade for impromise at the expense of party

But is the West really halping Pole with all the means at its command merely underlining the ominous of oth government team; and von quences of a decision by Moson such a team around him. Are we not duty-bound for our

Continued on page 8 ampromise choices.

Publisher: Friedrich Helnacké. Edilor Briston Mary in blend" that seven of the 12 sens-Helnz. Edilor: Alexander Anthony. English Mary an Berliners (he counts himself as sub-edilor: Simon Burnett. Distribution Mary and Berliners) Friedrich Reinecke Verlag GmbH 23 Schoels A Hamburg 78, Taj.: 22 35 1, Tatex: 02:14733.

nominating them.

Printed by Druck-land Verlagehaus French 1987 ruminating them.

Bramen-Blumenthal Distributed in the USA by Manuer floor leader Heinrich Lummer MALINGS, Inc. 540 West 24th Street. New York is president of the legislature, de-

by profession, is an experilegislator but was never a full-

Yet the exposure of compliant New CDU administration on the entire Soviet system fall. takes stock in Berlin

in's new CDU administration ers a tightrope act: it must govern by without a majority in the legis-OD/FDP administrative apparatus. Many local unions bathed in the CDU was last in power, is so

If, say, workers needed dismired to first to govern under diffiensure a factory operated economic strices.

Renin problems: it has the munists, who were assigned the remaining squatters, the biggest for-Solidarity's own ranks were spit kildrop-out, the largest group irreconcilable critics of the goran while issues, and it faces a cutback facing partners ready to

any case, virtually impossible.

Polish Catholic publicist Stefan is comple of votes short of a majority lewski expects there to be a prossible legislature and SPD and FDP social crystallisation lasting year and it clear that they are determinate, he says, to the French keek to man the opposition benches er than enter into a coalition with

so because it is well awars of the ball through the full four-year legislatating consequences of intervention. period without any coalition flirta-

tually naralyse Moscow's foreign parties a possible coalition with the

saming with a minority pressup-The Soviet leaders would be the policy that is prepared to forgo abandon hope for a very long that the policy that is prepared to forgo abandon hope for a very long that the policy that is prepared to forgo abandon hope for a very long that the policy that is prepared to forgo abandon hope for a very long that the policy that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is policy that is prepared to forgo abandon hope for a very long that is policy that is prepared to forgo abandon hope for a very long that is policy that is prepared to forgo abandon hope for a very long that is policy that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is prepared to forgo abandon hope for a very long that is a very long tha In prepared to cooperate with a

a difficult course presupposes a licker seems to have managed to

his senators (except one) are exin their fields, chosen without pu-Militical concessions. So there are

Weizsäcker made a point of long, close look at the work of kiliners over the past few years be-

10011. All west 24th Street. New 100 leader Heinrich Lummer a president of the legislature, de-All stricts which THE GERMAN TRIBUNE 100 leading published in coopination with the activate and discenters, is the new deputy mayor by They are complete translations of the quantity of the interior to way abridged nor adtorally reduction.

arly policitian.

The new construction and housing senator, Rastemborski, a lawyer, proved his abilities as chairman of the investigation committee for the Garski affair. Finance Senator Kunz made a name for himself as a Berlin Bundestag MP and parliamentary administrator of the CDU/-

CSU Bundestag caucus. The two other Berliners are Professor Scholz, a legal expert who was called back from Munich, and Hassemer, a department head at the Federal Environment Authority.

Those who came from West Germany are also impressive, among them Norbert Blum. Rhineland-Palatinate Education Minister Hanna-Renate Laurien. Elmar Pieroth, a prominent Bonn MP, and Ulf Fink, who became "available" following certain disputes in Bonn.

There is also another way of looking von Weizsäcker's team. He has brought two prominent legal minds to the Senate (Kewening from Kiel and Scholz from Munich) plus Laurien and the Bonn MPs Blom, Kunz and Pieroth.

The cabinet thus ranges from conservatives like Lummer and Laurien all the way to liberals and the non-partisan Professor Scholz. It is thus a well-balanced cabinet cho-

sen because of expertise. It was anything but easy to rally such a team - especially considering that

laus von Dohnanyi has been cho-

In sen as Hamburg's new mayor in

Foreign Office and chairman of the

succession to Hans-Ulrich Klose.

some of the CDU politicians in Bonn stood a good chance of rising in their

> **SPD** chooses mayor

> > Klaus von Dohnanyi

The CDU has long had its sights on

Leisler Kiep himself seems to be

quite prepared to follow his party's

summons when it comes, which should

By nominating Dohnanyi, the SPD

has not only regained some of the

ground it lost but has also put the ball

Von Dohnanyi, every bit as urbane as

in the opposition's court,

the Lower Saxony Finance Minister Wal-

ther Leisler Kiep as its top candidate.

he soon.

(Photo: Marianna von der Lancken)

Rhincland-Palatinate SPD. The choice has been welcomed by the party hierarchy, and particularly by the SPD chairman, Willy Brandt.

Von Dohnanyi is state minister at the

But It has still to be confirmed by the

Von Dohnanyi was chosen by Hans Apel, the Defence Minister, who was, as a Hamburg MP in Bonn, empowered by the party to make a nomination for the

Herr Klose resigned over an issue involving nuclear power policy.

There is every likelihood that the Rhineland-Palatinate SPD will also approve of von Dohnanyi's move to Hamburg, his home city. Von Dohnanyi has probably figured

prominently in Brandt's speculations about a successor to Klose ever since his Chancellor Helmut Schmidt would probably have preferred to see Anke

Fuchs, state secretary at the Bonn Labour Ministry in Hamburg's Rathaus. But Frau Fuchs, who is the daughter of ex-Hamburg Mayor Nevermann, re-

fused to step into her father's shoes. The SPD was surprisingly quick in presenting an alternative to Klose (as it was after the resignation of Berlin's Mayor Dietrich Stobbe whom it replaced by Hans-Jochen Vogel).

Von Dohnanyi is also an acceptable proposition for the electorate who will be called upon next year to decide whether this country's biggest city excluding Berlin should continue to be governed by a Social Democratic Senate.

careers while Berlin's minority Senate still has to prove itself in practical day-to-day politics. Von Weizsäcker is said to have had his problems in fielding such a team. But there has been one sore point from the very beginning that has marred the generally good image of the new Senate: Blum, the chairman of the CDU Social Affairs Committees in Bonn and most prominent of the newcomers. Instead of accepting the nomination as lahour senator, as was

generally expected and a post for which The new mayor, Richard von Welzsäcker (left) and his defeated he is eminently qua- predecessor, Hans-Jochen Vogel.

lified, Blüm prethe city will depend on the votes of five vailed with his wish to be given the post of federal affairs senator and be sent to Bonn where he can continue pursuing his

federal business. This makes Blum the only wrong While he is an expert on social affairs, he is unfamiliar with the intricate

legal questions that go with Berlin's special status. Moreover, the Berlin electorate which might have voted for the CDU due to

the attraction of Blüm's name must now consider itself cheated. It seems obvious that the credit von

Weizsäcker was given for picking his team only according to personal ability has suffered as a result of this conces-

Von Weizsäcker who, in governing

FDP members of the legislature, will find his task an uphill struggle in which he will constantly be forced to find viable compromises.

But this very fact could well help him in achieving his aim of restoring some consensus in the city, stopping the growing violence and making the Berliners find new roots in their city.

The FDP and SPD, who can no longer form a government and probably do not wish to following their election defeat, are unlikely to be in a great hurry to put a spanner in the works.

They need time to regroup in the opposition; and that is exactly the time von Weizsäcker has to prove that he can govern convincingly. Renate Marbach

(Kieler Nachrichten, 9 June 1981)

Leisler Kiep, would have a year in which to prove himself as a mayor and gain the necessary support by the left and right wingers in his party to be put at the top of the ticket for the next elecfor Hamburg

He is not the sort of man to kindle emotions - something that is of paramount importance to the Hamburg SPD. He is as uninvolved in the SPD's internal dispute over the Brokdorf nuclear power station as he is in the dispute over the Nato arms decision.

Bonn has long appreciated his friendly manner that enables him to let hotly disputed issues rest for the time being.

If he applies this talent to Hamburg politics he could well succeed in adopting the Klose line on the Brokdorf issue while at the same time delaying the implementation of the party decision until after the election - and then take it from there.

Von Dohnanyi himself would probably have preferred to have remained the Rhineland-Palatinate party chairman where he has been successful enought to almost wrest away Bernhard Vogel's absolute majority in the election two years

But now that Hans-Dietrich Genscher has already agreed that the Rhineland-Palatinate FDP should not commit itself to a coalition before the next state election (when the FDP could well join ranks with the CDU) Dohnanyi no longer stands a chance of becoming that state's prime minister.

It was ultimately Genscher who enabled von Dohnanyl to defend the Hamburg Rathaus against Leisler Kiep.

So the duel between the two can begin, But the final word rests with the Hans Wolff electorate.

(Nordwest Zeitung, 11 June 1981)



Nuclear risks

Continued from page 1 first place (and could hardly be expected

to do otherwise). While telling Chancellor Schmidt and Foreign Minister Genscher it would like to negotiate seriously with them, the Soviet Union at home makes out both to be advocates of rearmament and lack-

eys of the United States. It is as though the Kremlin were grooming Soviet public opinion for a final break with the policies hitherto

pursued towards the West. The United States too is currently behaving in a most contradictory manner. It remains to be seen whether the Reagan administration seriously means to aim at military superiority, which would entirely change the international situa-

Or is America serious in claiming (and both claims are made quite openly) to be keen to negotiate seriously with the Russians?

When Mr Eagleburger says the United States is not going to be coerced by its allies into disarmament policy decisions it is, irksomely perhaps, only natural for

So while the debate on policy towards

Moscow is in full swing in America we have no way of telling whether Russia is seriously interested in negotiations.

At a time of growing mutual mistrust between the world powers Bonn's role

When Willy Brandt and Egon Bahr

own position has changed. Bonn can, must and does try to convince Moscow that it means missile ahead with it if the Soviet Union fails to

Bonn can, must and does try to convince Washington that it is in America's own interest to hold arms control talks with Moscow and, if possible, end the

out their missiles and make Western Bonn is equally unable to force the

in all correspondence plasse quick your-number, which suppers, on, the wrapps satelieks, shows your address.

Advartising rates Sat No. 13 '-'
Annual subscription DM 35.

attitude that hurts poor nations

SONNTAGS

BLATT

fluent societies of a different type?

cate that this is so.

come used to it.

spiritual and religious bases of future af-

Or did he perhaps come upon cultural

bases that precluded such a society in

the first place? There is much to indi-

There is yet another question: what is

affluence? There can be little doubt that

many a paradise has been destroyed by

the white man by his grafting his own

culture upon other countries without en-

abling them to truly understand an ab-

And since Western civilisation came

in the wake of Western culture today's

developing countries were forced to be-

The result was an enormous popula-

tion explosion triggered by medical and

technical progress and by Catholicism.

The result was also the political aim to

establish a Western-type civilisation of

It is in the wake of all this intellectu-

he President of the United Nations

Wechmar, has called on leading politi-

cians to express a commitment to suc-

cess before the unofficial North-South

summit in Mexico City.

dialogue finds itself.

and monetary problems.

able proposals for a solution.

cal and material trenches.

state, is to be held in October.

General Assembly, Rudiger von

The meeting, involving 20 heads of

His call is an apt comment on the

The UN has for years served as a

venue for global conferences on such

items as food, the population explosion,

the environment, a New International

Economic Order, transfer of technology

There has been no shortage of intelli-

But there has been a shortage of the

Bureaucrats of all nations return from

their conference tours without having

achieved any results whatsoever in com-

political desire to come out of ideologi-

gent analyses of the looming disaster,

nor has there been a shortage of reason-

blind alley in which the North-South

Schmidt, Genscher, gain credit for not yielding on Nato issue

THE GERMAN TRIBUNE

er deserve credit for having linked their whether Schmidt's threat to resign over political destinies with the Nato deci- the issue has achived more than to prosion to boost its European defence vide him with a breathing space remains

It would have been a lot easier for both to have yielded to the strong and influential minorities in their parties (in the case of Baden-Württemberg SPD this "minority" is in fact a strong majority) and distanced themselves from the

Genscher, who has no Willy Brandt

Worth of the Bundesrat

The Bundesrat as an instrument of A our federal system has proved its worth, President Karl Carstens told the Upper House in an address marking its 500th session.

Now, 32 years after the founding of the Federal Republic of Germany, he said, we can note with satisfaction that the Bundesrat has been an element of stability, that it has been instrumental in many cultural developments and that it has developed into a "source of intellec-

The ceremony in Bad Godesberg was also attended by Bundestag President Richard Stücklen, Chancellor Helmut Schmidt and Bundesrat President Werner Zeyer (Saarland).

In view of the undeniable disadvantages of the federal system - President Carstens cited our educational problems as one example - he called for closer cooperation between the Länder.

This country, he said, was celebrating the continuity of its democratic institu-

Kiel Constitution expert Professor Karl Dietrich Erdmann in his speech referred to the Bundesrat as a "singular phenomenon".

The Bundesrat as we know it, he said, could never have emerged from a drawing board. "As a result of the Länder and conveyed through them, it represents old German constitutional tradition adapted to our day.

Now, none of the Länder, Erdmann said, has a hegemonial supremacy over the other federal states and Bonn has no say in the affairs of the Bundesrat.

The Länder now have a more effective instrument in shaping federal affairs than they had in the Bundesmt of the Kaiser era."

Should the foundation of society be shattered and should the political mentality tend towards opposing the parliamentary rules of the game, and should longer apply, such a "republic without can take the form of the Munich de- waning fast. republicans would be lost notwithstand- bacle where such ideological controing the best of legal and federal safety versies were battled out without regard measures," he said.

have thus also been caused by Bonn's the CSU. tactless interference in a domain that falls solely under the jurisdiction of the Linder. As a result, we should review capable of overcoming its home-made the socalled common tasks."

The Bundesrat is the first realisation of a federal system of effective codetering, energy, the integration of foreign

ddp, workers and their families, environmen-(Die Welt, 8 June 1981) tal protection or aducation.

For the SPD, the issue of the 572 pieces of rocketry to be stationed in Europe in two or three years is only superficially the bone of contention. The party suffers from a malady that goes much deeper: it is faced with an identity crisis of its own making.

There are a number of reasons for this: one of the most important is the fact that, by the criteria of SPD objectives, the achievements of the coalition government are meagre. This is to some extent due to concessions that had to be made to the coalition partner.

The party is also suffering because of the nation's 1.2 million unemployed, its total inability to implement reforms, the steel crisis and, of course, the empty state coffers that force it to impose ever new burdens on the man-in-the-street.

What troubles the minority with its great influence even more is the whole complex of détente and peace policy.

These left wingers blame the Chancellor personally for the dramatic deterioration in East-West relations over the past few years.

Détente is a moral obligation for the SPD. But even so, the party has never hesitated to make use of political expedients. This policy has been successful with the electorate.

But things have changed. The Soviets invaded Afghanistan and Poland is threatened by the their "fraternal assis-

The Social Democrats are in the

L throes of a major crisis in Germa-

Frankfurt, Munich, Berlin and now

Hamburg. The question now is: which

city will be next? Bremen? Or perhaps

The SPD keeps staring apprehensively

at its bastions which the CDU and CSU

ties. The end is not yet in sight,

coming increasingly irreconcilable.

roots: the internal conflict between ideo-

logy and day-to-day politics which is be-

This can either take the form of the

ideological doggedness with which Herr

urbation areas is evidently no longer

ideological hurdles and dealing instead

with such down-to-earth issues as hous-

one of the Ruhr cities?

overripe fruit.

C hancellor Helmut Schmidt and For-eign Minister Hans-Dietrich Gensch-with his party congress stance. But has used the decade of détente for an There can be no denying that Moscow unprecedented arms buildup. The last four years have been marked by the buildup of an enormous arsenal targeted

> It is not some incorrigible conservative who wants to draw his defence conclusions from this fact but the Social Democratic Chancellor of the Federal Republic of Germany.

> But large elements of his party oppose him. Everybody in the SPD whose avowed creed is détente now rebels against the Nato decision and has ideologically joined forces with the renascent pacifism in the churches, youth organisations and environmentalist move-

Anticapatalist emotions, seemingly successfully repressed since Godesberg, in 1959 when the party abandoned extreme socialism, have come to the fore again and zeroed in on the new American administration with which the left wingers want to have as little brush as possible.

The fact that Schmidt differs has alienated him from his party.

Added to the list of problems is the energy crisis which, in the Chancellor's view, necessitates the construction of nuclear power plants.

Here, again, Schmidt differs from most of his party, which would like to see less growth and more energy thrift

Erhard Eppler's success at the Baden-Württemberg party congress in Aalen was not only due to his being against the Nato decision (his motion was carr-

ied with a spectacular 80 to 20 to THE THIRD WORLD but also to the fact that far had THE THIRD WORLD tions of the party he embodia Brandt hits out at guns-over-butter logical opposite of Schmidt in

all fields, ranging from nuder via the environment all the wa being viewed as an apostle of the But there are two more sp cians who have been put on in by the left wingers: Matthe

hers are more explosives than food Hans-Ulrich Klose Whenever one of these two is in the world; and the arms race is into introspection, Willy Brands Brandt, the chairman of the and respect.

comparison, development aid by Angered by an unrelated dustrial countries is meagre, he cently said of Germany's policy. policy? - that it was "back milt's comments express the pent

ret of a man who finds himself up gence. alley in his effort to solve the It has indeed become a ma nional task he has been charged culation how long the SPD will

its Chancellor. The opposing air and the world's industrial nations are ingradually developing into a major in the world's industrial nations are ingradually developing into a major ingly entrenching themselves besigned communist-inspired distribution of financial woes, and designed communist-inspired distribution of financial woes, and designed communist-inspired distribution of financial woes, and designed communist-inspired distribution financial woes, and designed communist-inspired distributions that have become headquarters (though they was world's industrial nations are ingreduced in the world's industrial nati

like Rev. Albertz recently.

Fraternisation with the control of its cited as having said, "We shall which once led to the expulsion: on to hell."

chairman Benneter now go vinta the affluence gap between North and

There is a clear swing to the the growing ever wider and Third There is a clear swing to the lad prospects of making any headway the SPD increasingly turns into a did prospects of making any headway cal seeker of the "blue flower" to be absomine to the romantic poet Nording prices rise.

The Social Democrats want to a second prospects of making any headway the prospects of making any headway call seeker of the more than the second prospects of making any headway the prospects of making any headway the prospects of making any headway the prospects of making any headway that prospects of making any headway the second prospects of making any headway the second prospects of making any headway the pro

The Social Democrats want to lay no effective way of controlling the cate themselves from the respond polation explosion does not help eith-

Should the Bonn government to far affluence has proved the best toppled over the Nato decision has an of bloth control and exactly this Eppler's successor said in Aslen.

Taken with a pinch of sait, it is blest picture indeed. There is no said that large sections of the might even be relieved by such that fault and what can be done to tingency. Fritz Ullishing the situation.

(Frankfurter Alignities has the blame always rest with the fitr Deutschland that Talen? Or does it rest with those emgage in an arms race? Or is it in ter were treated as enemies by this livrys "the others" who bear the party until the city finally kill in the or should some of it go to the

Berlin, with the pitiful resignates thou at the globe makes it clear its SPD Mayor Dietrich Stobbe in things are not all that simple. For its SPD Mayor Dietrich Stobbe in things, there is not a single industrial election defeat of his successor, but that has ever been a colony marked the lowest point so far the conquerors devastated not social Democratic crisis in the clip in the country but the indigenous culturally rejects the CDU and social property that the CDU and social property that the country but the indigenous culturally rejects the CDU and social property that the country but the indigenous culturally rejects the CDU and social property that the country but the indigenous culturally rejects the CDU and social property that the country but the indigenous culturally rejects the CDU and social property that the country but the indigenous culturally rejects the country but the country but the indigenous culturally rejects the country but the country but

of Klose's resignation. The transfer ountries are former colonies.

At the last minute he might lend crucial support to Kremlin leaders who'deistaken decisions and shortcomings still advocate Westpolitik.

> exent of a decision by the Soviet Union to renounce the use of force, . .

> > Christian Schmidt-Häuer (Dle Zeit, 12 June 1981)

al, religious and material destruction perpetrated by the conquerors that the responsibility of the developing countries themselves begins.

The question is: can they be sure that Western civilisation can be copied, that they can master and achieve it and, ultimately, that this is desirable?

And should they consider all this desirable, are their countries in a position to develop an educational system capable of coping with this civilisation in all its ramifications?

Must they have the same high rise buildings and the same islands of human habitation as the Western world? Neither the North nor the South has

ever engaged in a meaningful discussion on a development concept half way between northern civilisation and a southern world which has to live with other climatic conditions and other traditions.

We have always advocated "help towards self help". But the self help we have in mind has to be achieved with Western methods. The only exception here is the development aid provided by

It should surprise no one that all the mammoth sums of money that have

been spent have never gone where they are really needed.

All this money usually goes to the more or less artificial cities of the developing countries - cities they fallaciously consider replicas of Western ci-

vilisation. It is frequently these cities that are seen as supporting their inhabitants' claim to Western civilisation. They have, in fact, prevented a new North-South synthesis that would have been in keeping with the basic needs of the people.

The mere realisation that something has to be done about North-South relations is not in itself tantamount to a bridge spanning different cultures.

There has always been enough mone for developing countries when this money promoted political aims and even more so when it served strategic objec-

But prosperity occurred only under the wings of a monopoly as in the case of the Arab Opec countries.

Virtually no developing country has any genuine understanding of the West. As a result, it will be difficult to reach agreement and to come to terms with the differences that mark the two

As long as everybody wants everything it is unlikely that genuine development will occur, and all development aid other than that which prevents outright misery is misapplied.

(Deutsches Allgemeines

Call for stiffer political will to help

bating the world's famine, disease and

Yet they proudly report to their political leaders at home: we've achieved nothing; but neither has the other side.

It is this hopelessly bogged down situation that three years ago prompted World Bank President McNamara to appoint an independent commission on development issues staffed by prominent personalities of all continents and chaired by Willy Brandt.

But the North-south Commission's proposals were immediately rejected by those conservatives of each of the two blocs who did not consider them ap-

The fact that the members of the Brandt Commission, during a Berlin preparatory meeting for the Mexico summit, clashed with Helmut Schmidt

is not surprising. On the contrary. It is perfectly normal and typical of the world-wide situation that a Social Democratic German chancellor should adopt a position to the right of many politicians committed to

solving the North-South problem. The conflict between Schmidt and the members of the Commission is probably only a mild foretaste of the controversies and differing standpoints that will have to be discussed in Mexico City once the public part of the meeting over and the politicians are forced to put their cards on the table.

The North-South conflict does not originate in the fact that one politician has more and another less understanding for the problems of another country. Instead, every head of state or government is under massive pressure from those who refuse to yield material possessions or those who have nothing to lose.

It is not as if the conservative guardians of the North's material achievements wanted to perpetuate poverty, sickness, famine and misery in the

The fact is that the gigantic and still growing economic woes of the developing countries can no longer be remedied through conventional development aid - crumbs from the table of the haves.

Even less can they be remedied if the haves, beset by economic problems of their own, consider themselves impoverished and thus become thrifty even

with their crumbs. Moreover, even if the money spent for development ald were to be doubled, no Third World development could ensue by pumping this money into old and unsound Third World economic structures as long as the developing countries do not change their policies.

The distribution struggle between the nations and regions of the world is growing flercer all the time; and the weapons used in this struggle for survival on the one hand and for the preservation of affluence on the other are becoming increasingly brutal.

Apportioning blame alone won't get us any further. All it will do is increase the danger of any small fire in the North-South conflict becoming the spark that will ignite the latent Eat-West conflict and lead to a global conflagra-

Gone are the days when arms and development policy, domestic economic licy, world trade policy and East-West and North-South issues could be tidily separated and pigeonholed.

What is needed now is a rethinking process by all - not only the politicians nut society as a whole as well.

The preparations for the North-South summit in Mexico City (which will be attended by the USA but not the Soviet Union) could mark a beginning that could then be followed by a dialogue of the superpowers and, ultimately, by a global UN conference. Hannes Burger

(Süddeutsche Zeltung, 2 June 1981)

Pressure on SPD in the cities

once considered impregnable and which have now dropped into their laps like It was this business of the day in the municipality for the good of the people The storm the SPD has to weather that once represented the SPD's strong

following the surprise resignation of Hamburg Mayor Hans-Ulrich Klose is And since this party was so successful only one of a long sequence of difficulin this field it managed to capture one city after another during the Welmar Hamburg is symptomatic of the crisis

and Adenauer eras. And for years Bonn's SPD headquarters drew on the municipalities for new blood - men who had proved themselves in the field, such as Willy Brandt, who was Mayor of Berlin and Klose pursued his anti-nuke policy, fight- later became chancellor.

locay, things are the other wa oriented willingness to compromise no on economic growth and affluence; or it around. The SPD's municipal strength is

It all began four years ago with Frankfurt; and anybody who in the early for day-to-day politics until City Hall 1970s predicted that the CDU would The implacable educational conflicts was softened up for the final assault by soon hold the absolute majority in that city would have been ridiculed. The SPD in the major cities in con-

In the Hesse municipal elections the CDU made further gains against the SPD. And by now CDU Mayor of Frankfurt Walter Wallmann is generally considered one of the most able of Germany's mayors.

Frankfurt was foolowed by Munich where SPD Mayors Vogel and Kronawit-

lap of the CSU.

and burdens of government.

wisely rejects the CDU and the other hand, virtually all devesend it into the opposition.

The municipal crisis is coupled personnel crisis in the SPD. It new blood for Bonn coming municipalities, the anaemic capa to staff city halls.

Karl Ravens, formerly state nin the Chancellery, was sent to this was followed by Koschall mayor of Bremen, whom the SPD eded a "real man".

Then came Bonn Justice Park the 26th congress of the Soviet Vogel, the Chancellors's crown that the 26th congress of the Soviet who was dispatched to Berlin annual Party Mr. Brezhnev was all Defence Minister Hans Apel of liver of a summit meeting with Pre-Fuchs could well have to take of a Reagan as soon as possible.

The question is: how long will it mad reaction.

Democrats fear that the elector he hasty conclusion is that all the is ultimately due to the white But did the white man destroy the

Rumblings from Moscow

Continued from page 2

sake to apply pressure on other whom the broken when such a dramatic decline in seems imminent?

Fuchs could well have to take the new US President does not want. Hamburg. It's an endless blooded he new US President does not want. The SPD finds itself in a take pace and subject matter of his polipincer; the erosion in the multiple be dictated by the Kremlin, and in is now followed by a personner that the treatment of his would be a

be able to weather this development that times are anything but normal,

Rend Rest itlending a summit meeting would

(Searbrücker Zeitung, stort by any stretch of the imagination,

make President Reagan a Neville Cham-

Mr Reagan's crusade so far has given them scant hope of Soviet restraint paying dividends. For an entire year the West has threatened sanctions but failed to work out concepts for use in the

Could it make good this failure at the last minute or has the point of no return already been passed?



EEC survey analyses huge Japanese lead in world motor industry

Tapan's auto industry is so far Jadvanced that its competitors face an almost impossible task to catch up, according to an EEC survey.

The industry in Japan has not yet finished growing. Its enormous productivity and investment growth are only just beginning to pay off, says the analysis, produced by the EEC Commission in

If Japan were prevented from exporting, it would set up assembly plants in target countries. A foundation had already been laid.

Japan had made most progress towards developing a world car.

"Many explanations for the success of Japan's auto industry have been put forward, among them productivity, the social structure, the wage level and a frequently cheap yen", says the survey.

"But their competitiveness cannot be reduced to such individual factors. Instead, it is the result of a long term stra-

What mattered for Japan's auto makers was not so much immediate profits but the development of their positions on world markets.

Financing was no problem because the state acted as a backer.

Limited benefit to trade with East Bloc

It is unlikely that increased trade with Lthe East Bloc would reduce joblessness, as has been suggested.

The production of goods for East Bloc countries requires highly skilled labour while most of our unemployed are un-

West Germany's trade with the East Bloc now accounts for no more than 6 to 7 per cent of our total foreign trade - too little to have a noticeable effect on the labour market.

We should guard against overestimating our rising sales to the East Bloc. The growth rates here are largely due to price increases and therefore do not reflect the true position.

Some pundits say that our trade with the East Bloc in real terms now stands

projects that would have a positive ef-

Should the East-West talks get off the ground again, as hoped for by Nato and the EEC, trade relations could also im-

But it is still wide open when this will happen and what the outcome will



Major industrial corporations, banks and the state all pulled in the same direction. Industry enjoyed the kind of tax relief German companies could only

Thus, for instance, the Japanese could write off 68 per cent of the purchase price of new machinery in the first year. And high technology investments enable the investor to deduct instantly up to 20 per cent of the purchase price from his current income tax provided this did not exceed 10 per cent of the tax due.

As a result, Japan's industry invested at a rate unheard of in Europe or Ame-

The three largest auto makers (Toyota, Nissan and Mitsubishi) showed an investment-output ratio between 1974 and 1977 of 35 per cent on average, compared with 18 per cent for Europe's ten largest auto makers and 14 per cent

The Brussels Commission says that half of the world's industrial robots are in Japan, though France's state-owned Renault concern denies this. It says Japan and Europe have about the same

While the EEC's auto production virtually stagnated throughout the 1970s and exports dropped, the Japanese increased their output by 122 per cent and exports by as much as 426 per cent.

According to an analysis by the French Senate, Japan's productivity over the past 20 years has risen at twice the European rate and at four times Ameri-

This was not only due to favourable investment conditions but also to Japan's purpose-oriented strategy.

Two examples: Japan's automobile makers had invested a great deal in training their labour force, which was

The interest rate levels of the major

had completed high school.

Even subcontractors' productivity was twice that of the EEC. This was particularly significant in view of the fact that subcontractors accounted for between 65 and 80 per cent of the total production compared with 50 to 55 per cent in the

As part of their export drive, the Japanese had succeeded in achieving maximum transport efficiency for the shipment of their goods to distant

They had a perfect communications setup in which orders are transmitted by satellite and a centrally controlled fleet with freight rates amounting to only 40 per cent of Europe's rates, say the Brussels analysts.

This answers the question as to how the Japanese could offer their goods as cheaply as they did despite the long transport routes to foreign markets. Japan's mammoth Mitsubishi Corporaion, for instance, had its own fleet of

Japanese workers were simply more industrious than their European and American counterparts. And they striked

Japanese assembly lines operated for 2.000 hours a year on average compared with 1.717 hours in France and 1,626 in

Japan's production costs were 20 to 30 per cent lower than in Europe.

But in all likelihood they were even lower and there was nothing to indicate that Europe could ever catch up. Japan's major manufacturers planned

to invest \$ 12bn in the next three years - mostly for the development of mini cars of about 500cc. There was much to indicate that the

bulk of these cars would not have to be shipped from Japan but would be assembled in Europe or in Third World countries closer to the markets.

When this happened, Japan's production costs will take a further dive. Winfried Münster

(Stuttgerter Zeitung, 1 June 1981)

Germany 'still WATION has good An unselfconscious ugly duckling takes to air credit rating

he Federal Republic of C. on international markets, but it is show, the Dornier Do 228 look-basically creditworthy basically creditworthy. an old grey mare among pranc-Germany's mismanager

Germany's mismanaged to toughbreds.

policy, which has been sharply of touch be described as elegant: It by Bundesbank President Kad Orthoroguare basic shape and a tahas made this country a policy unit to make it look a little becomes of some laterest. borrower of some interest.

But Germany's credit-worthing the Do 228 is an example of depends on the extent to with German technology, the third doubts about ourselves become to following two flops, to launch ively German civil aviation pro-

to evaluate the strengths and 114 to 19 seater (aircraft with 20 nesses of the economy if not the more are required to use an air try's own analysts?

This self-doubt leads to higher he moment, Dornier envisage sellest rates charged by the lender the soil 300 units, which should take to serve their best customers list solet past the break-even point. And exactly this could have a potential for this type of aircraft Bonn Finance Minister Matholist the next 10 years is estimated at

the Frankfurt-based Bank for la 1500.

struction when they make another of the sales are expected to be in for Saudi Arabian money — the laind World.

to plug the DM10bn hole in the new machine has a duckbill

1981 budget and the latter to min and an exterior studded with DM6.3bn needed for the planted that look for all the world like a sidies for medium sized business of pimples. Reports on the linkage of undeparriage looks more like the

Arabian and other loans with () of a private car in the family saarms shipments have been dent category, tucking away in flight the arguments used in the denti container fixed to the fuse lage. cate that Bonn is virtually at 14 hangar at the Dornier works air-

near Munich the Do 228 does not The fact that the Saudi Andre and to have the elegance and pedithe Gulf Emirates do not view the of a modern jet aircraft: it is polations as a one-sided assistant by twin propeller engines.

Germany (as has been reallimed by the an expert to point out the departing Saudi Arabian ambase which and special features of the Bonn) is not new. It is also with as its mirror-smooth wings

ble.
The fact that Bonn's aller in the fact that Bonn's aller instance, its new, four-blade quite in keeping with the exact the paint; carbon and glass fibre it will certainly not make the states a little duller than metal

tions easier.

Be all this as it may. The down be are all features that bear out dispers' claim that the Do 228 is rampant at home must not be a feature that the Do 228 is to spread abroad because this would be down.

repercussions for the economy an Claudius Dornier jr, eldest son lim's founder, announced last have to foot the bill in the local be flying at this year's Paris higher interest rates.

(Rheinischer Merkur/Christal and the reaction was sceptical. If this were the case we we athe Hanover air fair that the Do

Frar a scale model was all there h thow for the project, and fore-If this kind had often proved un-

ar ago there were still three Ger-But there was also no overlook to manufacturers (Messerschmitt-fact that the drepressed mood the riblohm and VFW have since

lohm family, had come a cropper The president of the Belgian British executive Hansa Iet and been

W-Fokker in Bremen fared no bet-

20 seats on passenger aircraft are required to provide the services of an air host-

Claudius Dornier ir's forecast proved accurate. The two prototypes made their maiden flights in March and May respectively, strictly according to plan.

Keeping to deadlines is very much in accordance with company practice. It is something of which Dornier have righty been proud over the years.

They are the only company left of the pre-war pioneers of Herman aviation, names such as Junkers, Heinkel, Messerschmitt, Focke and Blohm. Junkers designed and built the Ju 52,

lovingly know by pilots as Tante Ju (Auntie). Heinkel built the first jet aircraft ever to fly, Messerschmitt the firstever rocket-powered aircraft.

Focke's helicopters made demonstration flights inside the Deutschlandhalle in Berlin, Blohm, a shipbullder, saw the scaplane as the aircraft of the future.

All of them, or what was left of their companies after the Second World War, now form part of Messerschmitt-Böl-

Claude Dornier, the father of the current owner, was a Swabian of French descent who also set great store by the seaplane, first working for Count Zeppelin in the autumn of 1914.

He began by designing an all-metal flying boat at the Zeppelin works on the shores of Lake Constance. A year later the prototype was built but destroyed in a storm just before it was due to make

its malden flight. Six months later the first Domier flying boat took off from Lake Constance, which was to continue as his home base even though he moved to

Pisa, Italy, at one stage. That was after the First World War



when all he was allowed to manufacture Seemoos on Lake Constance was buckets and washtubs.

In 1922 he set up in business on his own and manufactured flying boats on both the German and the Swiss shores of the lake.

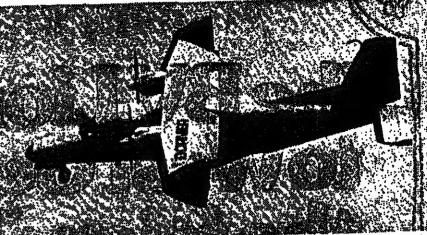
Dornier was convinced the future of aviation was on the water. His pre-war jumbos (dubbed "whales") made him famous, both by flying round the world and in daily use as passenger and air

mail aircraft. On 5 November 1930 Claude Dornier and his wife boarded an airship moored in the Zuiderzee. It was the Do X, weighing 50 tons and capable of carrying up to 170 passengers with its 12 engines.

Captain Christiansen flew it like a ship from the bridge, and the 70 passengers enjoyed the comfort and luxury of travel by ocean liner.

The Do X crossed the South Atlantic to Rio de Janeiro, flew north to New York and finally landed on the Müggelsee in Berlin.

But that was the end of the story. The Depression put paid to the expansion of civil aviation and the Do X was put out (Die Well; 9 low Dornler's objective was more to graze in a Berlin museum and later



destroyed in a World War II air raid. Like all German aircraft manufactu-

rers Domier produced aircraft for the Luftwaffe, conventional aircraft, and when the manufacture of aircraft was banned in Germany after the Second World War he no longer manufactured buckets instead.

Dornier diversified into textile machinery and still manufactures machinery for the textile industry.

But the 1979 company report states: "A definite improvement in the order position made it necessary for the company to step up production."

Three out of four aircraft currently manufactured in Lindau on Lake Constance are exported.

Meanwhile, back in the early 50s, Claude Dornier was an aircraft designer by inclination who was obliged by Allied restrictions to manufacture textile machinery instead.

In Spain he set up a base to manufacture the single-engined short take-off Do 27, of which more than 600 were sold. Its successor, the Do 28, a twinengined model, was the first post-war German aircraft to sell to the United

Then came the Skyservant, designed to compete in the utility commuter market, a sector in which Dornier hope to improve their position with the new Do

Internationally orientated, aero engineers no longer bother to translate concepts such as "utility" or "commuter" into German.

The combination of the two means multi-purpose working aircraft that can also be used to ferry commuters to international airports.

The latest company report reveals that turnover is little short of DM1bn and a payroll of over 8,000 work in a group of companies active in many sectors.

Dornier does not just mean civil and military aircraft, including the lightweight Alpha Jet fighter built in collaboration with France.

There is also a satellite and rocket systems division. New technology and electronics form part of the range, just as do medical technology and transport engineering.

Dornier are even engaged in subterranean activities with a system analysis of partially-automated mining. And when the smog alarm is sou Dornier measuring devices carry many of the environmental checks.

Stay independent and steer clear of incalculable risks, Professor Dornier always said (both Claude and Claudius enjoy the professorial distinction). That was why Dornfer withstood ini-

tial pressure and temptation from Bonn to merge with others. Originally associated with the Airbus project, Dornier later decided to quit.

To this day they supply components and work as sub-contractors for the Air-

bus, thereby profiting from the project's success, but Dornier have nothing to do with the risk factor.

"I have always taken good care to carry on regardless with the design principles I endorse, even at the risk of being considered behind the times, Claude Dornier once wrote.

He died in 1969 but this commen might well have been written with the Do 228 in mind, although Dornier can count themselves lucky in this context to have been commissioned by the Bonn Research Ministry to design a new wing concept.

This contract, which is known by its German initials TNT, resulted in a wing design which, combined with other technical refinements, cut the Do 228's fuel consumption by up to 25 per cent.

As with all Bonn research contracts. the findings are placed at the disposal of any German manufacturer interested in benefiting from them.

But Dornier enjoyed the advantage of being able to combine the new design with the old Skyservant and develop the new Do 228 at a cost of DM40m.

The 200-seater A 310 Airbus, for instance, will have cost roughly DM Ibn to research and develop, or roughly 25 times more.

Dornier were also given the usual facility of a government grant repayable under certain circumstances. The management prefer not to say how

much it was, As a rule it amounts to at least 60 per cent of project development costs, and it is repayable in part with every aircraft

Dornier were given a similar grant for the Skyservant, the Do 228's predecessor. The management are now proud to be able to say that every pfennig of the DM5.2m loan has been repaid.

Twenty-three Skyservants were sold from the drawing-board, as it were, at a unit cost of roughly DM3m. Options have been placed for a further 52.

Yet Bonn provides neither sales nor marketing assistance, let alone low-interest loan facilities for purchasers of Ger-

man-made aircraft.

Conveniently for Dornier, the manufacturing techniques and machine tools for the Alpha Jet's wing units can be used to manufacture the wing units for the Do 228.

So no additional investment is needed for the proposed monthly output of three 228s. It fits neatly into the Dornier range, as deputy board chairman Bernhard Schmidt says.

He and fellow-deputy Karl-Wilhelm Schäfer are in line to take over from Claudius Dornier ir when he retires.;

The Do 228 certainly ensures jobs for the men and women on Dornier's payroll. As no further Luftwaffe orders are in the pipeline redundancies would have been inevitable had not the Do 228 been in the offing. Heinz Michaels

(Die Zeit, 5 June 1981)

For example: Soviet shipments to this firmly tied to the respective companies. country in 1979 and 1980 (primarily oil, gas and uranium) were 18 per cent more Heavy intervention on foreign ex-change markets is not the answer expensive than in the previous two to the bullish dollar. For Moscow, this meant additional earnings of close to DM3bn. At the Bundesbank President Karl Otto Pöhl same time. German exports to the Soviet and his American opposite number, Paul Union (mostly machinery and metal Volcker, agreed on this at the four-day goods) increased in price by only 5 per International Monetary Conference in cent. The Federal Republic of Germany was thus the clear loser on prices. Representatives of 115 major banks of Even though we still have a surplus in Western countries plus a number of our trade with the East Bloc, the boom central bank representatives, attended.

IN THE

But this was pretty much as far as the consensus went. Herr Pöhl told Mr. Volcker that he was not quite "happy" at the level of 1971, . with the priorities of Washington's eco-What we lack are orders for major

Volcker stressed that the American fect on employment. Federal Reserve Bank's scope for action

The president of the Swiss Central Bank, Fritz Leutwiler, wanted it clearly understood that the "brakes on the money supply could not be applied any

(General-Anzeiger, 3 June 1981)

Interest rates 'set to remain high'

industrial countries will remain high throughout this year due to the central

banks' efforts to curb inflation. This was the generally held view of the presidents of the major commercial

A highly regarded bank representative - backed by a number of central bank delegates - told the conference that the differences in interest rates on international money markets would continue to prevent a genuine equilibrium until the the constant upward trend for prevent a genuine equilibrium until the major industrial countries, and the United States in particular, found the United States in particular, found the consequence of the monetary property in the consequence of the consequ right blend of fiscal and monetary mea- of the past few years. sures in their fight against inflation.

The interest rates and their differ-

ences from country to country will olimistic in the past.

prevailed at last year's conferent to smalgarnate).

New Orleans has given way to the smalgarnate odd that Dornier, the third

optimism.

At that time the delegates we smallest, should make the third bid marily concerned with the bank's with an exclusively German project, who resume their function in recycle to the previous flows.

Association, Jean Godeaux, said in the no option but to merge with risk factor for banks had increase and Bölkow of Munich.

The enormous interest rate with the VFW 614, a 40-seater jet tions, he said, had developed into betweed a fiasco. It didn't sell, No, the main problems. The ratio between the end of the road and the short and long-term interest rate was left in dire financial strategy.

The BV Lion invites you to West Germany and the friendly Freistaat

West Germany is a good place to invest and do business in but Bavaria

is attractive in its own special way. Our borders are open for whatever assets our international business partners have to offer whether money, technology, innovation, research or just plain good ideas!

We at Bayerische Vereinbank, one of Germany's major banks, have experience in entering new markets and our international network, linking such key financial centres as London, New York, Luxembourg, Zurich, Paris, Tokyo, Bahrain, Hong Kong, Rio de Janeiro, Johannesburg, is there to help you gain that first and all-important foothold. With a tradition dating back to 1780 we are a proven partner and familiar with all types of

financial transactions from retail and

wholesale banking to securities business ar arms limitation and the assessment Not forgetting, of his students. course, our

speciality, mortgage banking, where the proper station with an installed our long-term bond issues provide the explosion, they reckon, would added flexibility in investment financing.

If you want to know more about the German market and the Bavalla to of nearly 20km, from there to blow business scene in particular why not contact the BV Lion?

Bayerische Vereinsbank Head Office - International Division Kardinal-Faulhaber-Strasse 1 **D-8000 MÜNCHEN 2** Telephone: (089) 2132-1, Telex: 529 921 bymd SWIFT: BVBE DE MM

UNION BANK OF BAVARIA (Bayerische Vereinsbank) New York Branch 430, Park Avenue New York, N.Y. 10022 Telephone: (212) 758-4664 Telex: 1267 45 ubb nyk b

INCORPORATING BAYERISCHE STAATSBANK AG

NUCLEAR ENERGY

When atom warhead hits atom power station ...



German nuclear power station, says and by research scientists.

id a slightly smaller area would still be minated a year later.

scientists, at the Massachusetts te of Technology, have taken as hypothesis the Kornwestheim tation, between Stuttgart and

affected would be the conurbaof Rhine-Main, Cologne-Bonn and

The report is by Steven Fetter and into Tripis, who work at MIT's physics

They have described the results in an fide in the Scientific American.

sipis is considered an expert on nuc-

it the entire reactor core evaporate

tission of the warhead would carry all eactor's fissile material to an alti-

are of the contaminated cloud and of could be expected to descend. ey finally compared this radiation

the effect of a warhead that did not nuclear power station: is the kind of radioactive material

lially it would be powerfully rative but the degree of contaminalanger be absolutely out of bounds

head were to score a direct hit on a a power station. Long-life radioacmaterial such as uranium, pluto-

would be carried from the reactor the environment, and its radioactiwould be much slower to subside in

feller and Tsipis assume, for the purof argument, that a Force 4 southwind is blowing the day the knocks out Kornwestheim. eligart meteorologists say this would

The area in which radiation would be so powerful as to end all life immediately would cover about 1,300 square kilometres, an area about half the size of the

taminated would be smaller by a third. Over an area of 5,000 square kilo-

metres, or roughly the equivalent of the surface area of West Berlin, human life would be ruled out for a full century.

This long-term contamination would be due to radioactive material released from the nuclear reactor. The two scientists comment, almost

cynically: "The evaporation of a reactor core by means of nuclear weapons is, of course, an effective way of devastating large areas of a country.

With a single thermonuclear warhead potential aggressor could knock out a substantial proportion of enemy in-

wait until the weather is right, the wind is blowing in the right direction, to

If a south-easterly wind were to blow in the Neckar valley, Fetter and Tsipis say, a nuclear attack on Kornwestheim could make a third of the Federal Republic uninhabitable for more than a

According to their calculations the area so hit would resemble a king-sized cigar running the length of Germany on

A year later an area extending from Stuttgart via Wiesbaden and Cologne to

to the extent of 10 radioactivity per annum. Staff at nuclear research facilitles and reactors are currently allowed to be exposed to no to which people in the Federal Repub-- RIO no longer rule out the possibility of long-term harmful effects. The initial cigar would encompass millions of people in Frankfurt, Cologhe and the Ruht. To begin radiation much than equivalent of 10 The danger zone, presuming a south-

units a year. So it darkly shaded would be contaminated for a year after the blast. would appear virtually. The lightly shaded area would be affected for a month.

population in time. Similar surveys ducted in Germany also consider the repercussions of a mishap and outline

into account the possibility of histilities.

No express mention of war is made in the reports compiled in Germany, and the MIT findings were news to both the Bonn Interior Ministry and the Re-

"Scenarios such as these have yet to pokesman for the Association.

The MIT survey, like any estimat has its drawbacks. It is hard to describe the reality. Neckarwestheim, a pressurised-water reactor, does not generate

a potential aggressor, always assuming the East Bloc is meant, could have the

west or south-west, a nuclear strike ny would almost certainly contaminate parts of the GDR or Czechoslovakia.

Besides, the wind speed assumed in the study does not make sense. Every wind speed and direction at ground level need not be the same as at an altitude

Yet Fetter and Tsipis assume a constant wind speed and direction at all altitudes. Even if they were mistaken on this point, however, the lethal contamiare also sure to consider whether such an attack is at all probable.

Even so, the article is sure to promp serious debate in the context of the missile modernisation decision.

There have, of course, been even more essimistic assumptions, such as that in the event of a nuclear holocaust there would be nothing left of Germany, regardless whether or not nuclear power stations were hit. Horst Rademacher

Kölner Stadt-Anzelger, 3 June 1981)

Waste storage setback

manent storage of radioactive waste.

The site, near Gorleben, in Lower Saxony, contains salt deposits more than 200 million years old.

But drilling tests now indicate that

They might, of course, still be suitable for storage of waste with medium or low

Last year Hesse Premier Holger Bör

the Nuclear Fuel Reprocessing Agency, recently held talks with Rhineland-Palatinate Agriculture Minister Heinrich Holkenbrink on the subject.

tially plans to give permission only for a

site suitable for a larger capacity, and Bavaria, a state with a large surface area.

After lengthy resistance the Bavarian authorities in Munich have declared themselves ready to deal with specific plans for nuclear fuel recycling.

German electric power utilities have noted with satisfaction that the nethat current contracts on the reprocess ing and intermediate storage of German nuclear fuel in France are not to be can-

The contracts with Cogéma of France are due to expire in 1985 and 1986 and may not be renewed, but a further, albeit limited, facility might be used in Mol

The Belgian government has plans to ty installation there, and the German agency would like to add to it a prototype unit for coating waste in molter

Germany expect installed power reactor capacity to total roughly 19,000 megawatts, or roughly 10,000 megawatts more than at present.

Deutsche Presse-Agentur has learnt in Bonn that the first German processing facility for spent nuclear fuel is to be built near Volkmarsen in Hesse.

The agency responsible, with to comment on the matter, but it is expected to name its first site before the SPD party conference is held in Hesse.

It may propose a number of sites. The installation will certainly cost substantially more than the DM4bn or so originally estimated.

It would, in the long term, provide employment for 1,600 people, plus as many again indirectly, not including onstruction workers.

Heinz-Peter Finke (Stuttgarter Nachrichten, 6 June 1981)

3

THE ARTS

Borchert and 'outcry of a generation'

Draussen vor der Tür was written in a week by Wolfgang Borchert, a 25year-old at death's door, in December

It was premiered as a radio play a month later on 13 January 1947, promoting a listener response that could only be called an avalanche.

Listeners wrote in and phoned, making Borchert, who would have been 60 this month, a household name. His play was immediately hailed as the outcry of an entire generation, a generation

On 21 November 1947 it was premiered on the stage in his native Hamburg, then staged everywhere. It has since been translated into 32 languages.

As the curtain fell Beckmann, the male lead, asked: "Will no-one, no-one answer?" It was an anguished question posed by many at the time, after the defeat of Germany and the hardship of the immediate post-war period.

Beckmann is a soldier returned from the war. Borehert did not live to return and maybe enswer the question. He died of a liver complaint in Basie the day be-

Why was is that he emerged as the mouthpiece of an entire generation? Borchert, in his short stories and his play, dealt first and most convincingly issues relating to the demobbed

a work in which homeless youngsters



Wolfgang Borchert

never took its leave," as they have been called, recognised individuals and events

Also, he died young, as befitted a le-gend. He became decidedly fashionable with his tales taken and adapted for the most part from his own experiences and retold with a note of self-pity.

His public was certainly able to cast itself in the role of the suffering and disadvantaged. Initially his tales must

He was born on 20 May 1921 in Hamburg, His father was a primary

"Terms such as 'equal rights' are

"Milking the conscience is a new pro-

fession that provides nations, parties and

adapted yet used only with a view to the

use of force. The world has entered into

a phase in which one person taps the

uneasy conscience of the other.

local writer who was later to help popu-

He wanted from an early age to be a poet, but his early work lacked originality, or so his sympathetic biographer, Hamburg poet Peter Rühmkorf, reckons.

At 18 he began an apprenticeship as a bookseller, surreptitiously taking drama lessons in his spare time. He also wrote poems and began to be taken notice of

He was given his first stage contract on 1941 but called up for military service on the Eastern front three months

He began to suffer from jaundice and was suspected of mutilating himself to evade military service, being promptly arrested, sentenced and sent back to the front on parole, as it were.

After a short home leave during which he worked as a cabaret artist he was denounced, arrested, sentenced and sent back to the front again.

In spring 1945 he was taken prisoner by the French but escaped and returned to Hamburg on foot, already a dying

He worked as an assistant director at the Schauspielhaus and wrote his first short story, Die Hundeblume, in hospital. It and three others were his first book to be published.

He then embarked on a race with death, penning 24 prose pieces and his play by the end of 1946.

Between January and September 1947 he wrote another 22 stories, travelling to Basie on 22 September. There he completed on the eve of his death an antiwar manifesto in which he implacable and unconditionally opposed both war-mongers and those who made light of

(Nürnberger Nachrichten, 18 May 1981)

Banned ballet his big break

Tomposer Werner Egk, 80, 611 1948 when his ballet Abraxes was ned by Bavarian Arts Minister

Egk, whose conventional muse ed on the point of being condense oblivion as atonal and twelve-tone swept the board, was auddenly tops The entire musical world side him in view of the prude absum

Egk, a pupil of Carl Orffs, was been an all the super the super large accomplishments the super large has not been any feeling for the formal to the super large has not been any feeling for the formal to the super large has not been any flexible.

larly included in musical reparts Werner Egk has shown it is still

ible to make good music without part in the hue and cry of com to keep up with seeming progress Substance, his career dem can also be attained by pruden unassumingly relying on one's of periences and convictions.

It is one of the bad jokes of history that such a reserved and a vative musician in the best sense word happened to hit the head the way he did in 1948

Royal Dutch are the secondlargest oil company in the world. Dutch tugs serve shipping on five oceans. The Dutch build port facilities along all those coastlines. Fokker Friendship airliners made in Holland ply short-

routes the world over.

Holland is too small for the Dutch.

He had previously been paralled mall wonder ABN, a Dutch bank, has rated cautiously, preventing the wall mall wonder ABN, a Dutch bank, has the Nazis, with whom he has complicant wonder ADIN, a Dutch Directed cautiously, preventing the wonder ADIN, a Dutch Directerised what was sensible.

In his 1938 open Peer Gynt help racterised the trolls in grotest at the

that he was generally destructive and cook.

He was well advised to crass out the world.

There has not been much discost of Egk since the war but spaint amburg, Dornbusch 2, 2000 Hamburg 1 background of peace and quiet is 0. B. 10 02 26, Phone (040) 33 05 96

German opera composer.

His Government Inspector, writted lex 2 163 107

1947 and based on the Gogd is could well outlive the 20th ceam lisseldorf, Königsallee 74, view of its concentrated action uninterruptedly compelling music.

His Engagement in San Doss in San Doss



Trest Jünger's Siebzig verweht, pub-Lished by Klett-Cotta of Stuttgart in hard back at DM45, is a diary covering the period from 30 March 1965 to 12

Nowhere is mention made of the criteria by which entries were selected for publication, but it seems reasonable to ssume that the emphasis was on includ-

They cover Junger's travels in the Far East, to Angola, Portugal, Iceland, the Canaries and a lengthier spell at Villa

The first entry is most characteristic of the older Jünger: "I have reached the Biblical age of three score and ten. (He is now 86). How strange for someone who in his youth never expected to reach the age of thirty!

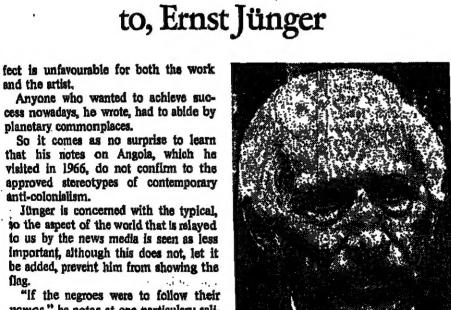
"In one's youth the basic tenor is frequently somewhat gloomy, as though autumn were already casting its shadow

"The world is foggy, with dark blocks emerging from the gloom. Gradually the ent point in the book, alt would look view grows clearer. Even living has to be different and more natural here.

Jünger's thought patterns run along lines that we, for lack of a more precise concept, tend to call conservative. This epithet is equally appropriate to his

It is striking that his diary hardly registers, let alone comments politically, political events. Whatever interpretation is given to this abstinence, it is certainly

Take, for instance, a May 1965 entry and still find them pleasant." to the effect that a powerful political ef-



Travelling with, and listening

in both form and content, among the most impressive in the book. It is worth adding that the purely descriptive paeven individual philosophers with a livessages in particular at times include impressions of great beauty and detail.

"That doesn't make matters better, al-Slebzig verweltt and Jünger's unpubthough it too passes. As far as I am lished diaries must be virtually without concerned, I have always liked negroes parallel in contemporary German literature. Franz Schonauer

His notes on Angola and Ceylon are, and (Kölner Stadt-Angelger, 22 May 1981)

ABN Bank

normal to hit in the little has offices and branches in: the Netherlands, Ireland, Britain, Belgium, France, the Federal Republic of Germany, Switzerland, Spain, Gibraltar, Italy, Greece, Turkey (Holantse Bank-Uni), Lebanon, did in 1948.

Allons Neutral Arbita (Albank Alsaudi Alhollandi), United Arab Emirates, Bahrain, Pakistan, India, Malaysia, Singapore, Indonesia, Hong Kong, Japan, South Korea, Morocco (Algemene Bank Marokko S. A.), Kenya, Alfons Neutralia (Albank Alsaudi Alhollandi), United Arab Emirates, Bahrain, Pakistan, India, Malaysia, Singapore, Indonesia, Hong Kong, Japan, South Korea, Morocco (Algemene Bank Marokko S. A.), Kenya, Alfons Neutralia (Albank Alsaudi Alhollandi), United Arab Emirates, Bahrain, Pakistan, India, Mexico, Also as Banco Holandés Unido in: Argentina, Uruguay, Paraguay, Brazil, Ecuador, Colombia.

(Rhaintache Post, 16 and States, Canada, the Netherlands Antilles, Surinam, Venezuela, Peru, Panama, Australia, Mexico, Also as Banco Holandés Unido in: Argentina, Uruguay, Paraguay, Brazil, Ecuador, Colombia.

MEDICINE

Uphill struggle in research into chromosome disorders

Five babies in every thousand are born with chromosome disorders. Among the causes are hereditary fac-

tors, drugs taken during pregnancy and Children affected suffer all their lives

and may pass their disorder on to their

The hereditary element has been increasing, say experts, because of chemical pollution on the environment and its effect on the genes.

There are some 2,300 known hereditary disorders which inevitably affect the metabolism. Realising this, researchers have made an all-out effort to fathom the interplay between genetic disorders and their blochemical causes.

Results have been meagre however. Biochemical explanations have been found for less than 10 per cent of the known genetic disorders.

Symptoms vary widely, depending on the type of defect. Apart from considerable organic disorders, neurological problems play a major part in these hereditary defects. Cretinism and similar symptoms are frequently the outward manifestations of biochemical defects.

The first genetic disorder clearly attributable to biochemical causes is alkaptonuria. This is a rare recessive metabolic anomaly marked by the inability to complete the degradation of homogenti-

Homosentisio scid is an intermediate in the metabolism of phenylalanine and

In the normal organism, this is processed by a liver enzyme. But alkaptonuria sufferers either lack this enzyme or it refuses to do its job. Yet outwardly these people appear perfectly healthy and it is not until fairly late that they develop a type of arthritis.

Due to its causes, alkaptonuria is classed as a hereditary disease in which the amino acid metabolism is defective. Another disease in this category is

phenylketonuria. This occurs in one out of 10,000 new born babies and is caused by a marked inability to oxydise phenylpyruvic acid and is characterised by severe mental de-

But screening processes of newborn babies now make it possible to diagnose and treat at an early stage.

It is important that affected infants be given a diet that contains no phenylalanine. This means a vegetarian diet until the age of 10. But results are usually good and mental deficiency can be prevented or mitigated.

There are a number of other genetic anomalies due to disorders of the amino acid metabolism that partly respond to dictary treatment. They fall in the category of storage diseases and include such anomalies as sphingolipidism.

Sphingolipids are a group of lipids that yield sphinogosine or any-one of its derivatives. Enzyme defects in sphingolipidism sufferers prevent the degradation of sphingolipids. As a result, sphigolipids are stored in the nerve tissues where they cause severe neurological disorders.

These enzyme defects are hereditary. meaning that a sufferer is likely to pass the anomaly on to her child.

The treatment of this and other storage anomalies is still difficult.



tage by diet seemed successful in the beginning. But the enzyme fed to the sufferer soon becomes inactive, requiring ever higher dosages.

In the end, the body reacts by immunisation and the drugs administered become ineffectual.

Kidney transplantations have been fairly successful (usually involving the transplantation of one healthy kidney) because the good kidney provides the body with the missing enzymes.

Another important storage anomaly is mucopolysaccharidosis which is characterised by abnormal production, storage and excretion of one or more mucopolysaccharides, the complex carbohydrates that are the chief constituents of the substance filling the spaces between the cells and fibres of the connective

dwarfism and a grotesque facial appearance - mental deficiency, heart defects, enlargement of the liver and the spleen, opacity of the corness and deafness are frequent symptoms.

Haemophilia has long been regarded as one of the most important genetic anomalies. Only male members of the family get it, although the mother passes on the predisposition.

The frequency of haemophilia is about one in 10,000. Therapeutic prospects are good today due to modern coagulants.

While hasmophilia is due to the blood's inability to coagulate, other hereditary anomalies also involving the blood are based on haemoglobin disor-

One of these anomalies is sickle-cell anaemia. This is primarily found among negros. The name is derived from the shape of the red blood corpuscles that undergo a pathological change.

The illness was first identified in 1910 but it was not until very much later that it was pinpointed as a heredi-

Sickle-cell anaemia is characterised by malformation of the blood corpuscles after they have yielded oxygen, when they form erythrocytes, blood cells containing hemoglobin and subserving the internal transport of oxygen.

Sickle-cell anaemia cannot be treated, due to inadequate knowledge of the mechanisms governing biomolecules.

Hereditary metabolism defects can have a wide variety of consequences. Thus, for instance, the various blood types (A, B and O) are simply enzyme

Other disorders lead to illness only if environmental conditions are particularly unfavourable.

But where hereditary metabolism disorders in the true sense are concerned, the illness occurs independent of envi-

As unclear as most molecular mechanisms in hereditary disorders are the causes of genetic defects.

Since spontaneous changes in the ge-

netic material occur all the target could serve as an explanation for ANNESMANN tary anomolies. But there call doubt that environment facing EMAC insights into the effects of nice chemicals on the genetic materi

It is no secret that a large and chemicals found in the environment of having a harmful of the genetic material. But fee sions have been drawn from the tion so far.

It is unlikely that we shall a the foreseeable future in and spect substances and their eller genetic material.

The number of these subsproved that to pinpoint (or disprove) their acts.

Thus the only course of six acts are the subsproved to the subsproved to the subsproved that the subsproved to the su growing much faster than as I to pinpoint (or disprove) then

to us today is genetic counting prospects here are excellent good prenatal diagnostic when many defects can be published during pregnancy.

This requires, however, that large our chromosome laborators

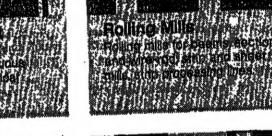
large our chromosome laborators such analyses can be carried out.

Where severe genetic anomic concerned, our abortion legislate vides ample legal instruments by a pregnant woman to have the removed.

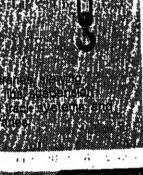
Surprisingly, however, abortion minor role in genetic counselling women want to have a child cases where a doctor has advise

Future medical research will concentrate more on the molent chanics in connection with

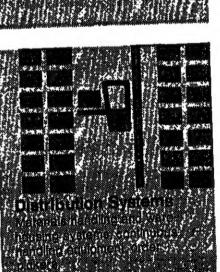
This would improve prenatal tic methods still further and 144 new therapy concepts.

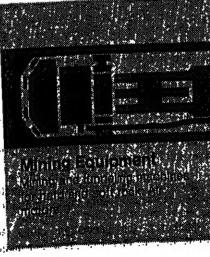


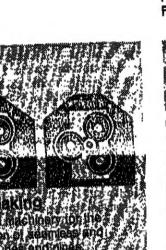


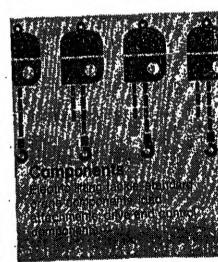


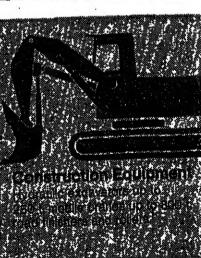






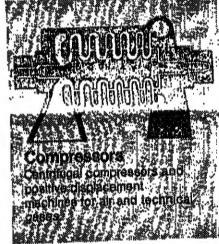


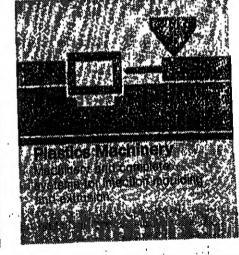




Mannesmann Demag your partner with experience in all matters of mechanical engineering and plant construction. With a broad financial base, world-wide sales network and a futureoriented research and development programme for new products.

Mannesmann Demag AG Postfach 100141, D-4100 Dulsburg 1 Fed. Rep. of Germany







Diagnosis, treatment of deaf children in firing line

Diagnosis and care of deaf and partly deaf children has come under heavy

Doctors, teachers and politicians all are blamed by the National Federation of Parents and Friends of Children who are Hard of Hearing, for a situation it calls "disastrous"

It says in a memorandum that hearing defects are diagnosed too late; that diagnosis depends to a large extent on coincidence: and that shortcomings in care for the deaf and their treatment have not been improved.

Doctors still underestimate that importance of hearing and development defects, says the federation.

They minimise parents' concern when a child is late in starting to talk. "Many doctors shrug their shoulders

and say that Einstein was four before he started talking," says the memorandum, The consequences of deafness and

near deafness could be alleviated if diagnosis were made in the first year of life and all possibilities of influencing the still undeveloped brain were made

It appears that the number of chilsumed. As a result, hearing defects must, ear, nose and throat specialists who still: Attempts to offset the enzyme shor- be prevented by early treatment - es- underestimate the importance of hearing dearly



pecially in view of the fact that preventive measures are taken for granted in connection with other disabilities. The memorandum points to the fact

that little has been done in the past few years to remedy the existing shortcom-A 1980 survey showed essentially the

same results as a similar survey made in 1976: hearing tests in the course of preentive checkups as practised today totally inadequate.

Only five per cent of hearing defects are diagnosed in the course of these checkups. And doctors are still far from making it a matter of routine to check the hearing ability of risk children.

As a result, many hearing defects are diagnosed too late - on average at the age of two years and three months. Even here, much depends on coinci-

dence rather than on a systematic test. This is primarily due to the attitude dren born deaf is much smaller than as-, of general practitioners, pediatricians and

and development defects and imise the parents' concern w tell the doctor that a child starting to talk. Medical care for these ch

or non-existent. Apart from a few excepts doctors know little about spen hearing defects in children. The situation is also character

the fact that it takes 12 month the first suspicion that there is thing wrong with a child's less It then takes another nine me fore a child is fitted with a heart

By that time the average chief

years old. Moreover, most bes are prescribed without a thore cal examination. And, finally, the education of children who are hard of largely inadequate, This is done tically only at the University

of Mainz and Münster. The early educcation of chi hearing defects (if it takes page neglects even the most basic for an optimal speech training

There are, for instance, and ised teachers who make lip m possible because their faces and by beards.

In view of this, it would the only course of action is on an information campaign the parents of small children for signs of hearing defects (Frankfurter Allege



Radio, television crime programmes 'not analytical enough'

THE GERMAN TRIBUNE

Radio and television crime programmes have been simplified to cater for public taste, says a Münster criminologist.

The criminal is rarely depicted within his environment and, as a result, crime is shown not as it is but as people want to see it. Hans Joachim Schneider told a symposium in Cologne.

He said radio and television "have to make everything understandable."

What they should do instead was look closer at crime and give more analysis and arguments .. "and less in the way of fairy tales."

The symposium, held by Cologne University's department of broadcasting law, was generally heavy going.

But it was enlightened by one piece of levity when Ingeborg Donnepp. Justice Minister for North Rhine-Westphalia reported on a children's essay and nainting competition.

Entries for this "Ideas on our system of Justice" competition in many cases drew inspiration from American whodunnits rather than German courtrooms.

There was also confusion over German and British court rooms: children asked time and time again what had happened to the wigs of German judges.

Dietrich Oehler, an expert on broadcasting law, told the audience of a personal experience during a bus ride through New York when he helped out another passenger with some small change while the rest of the passengers either sat mum or looked aghast.

It appeared that there was a widespread fear in New York of people asking for small change as a clever trick in holdups — a fear nurtured by media reports on such methods.

The distribution of roles in Cologne was unequivocal: politics was assigned the function of prosecutor; science that of the sleuth in search of evidence and the broadcasting corporations were placed in the dock.

The main carge: radio and television convey a wrong picture of crime and the judiciary system in this country.

ner of reporting by television. This, she dio do not have politically relevant insaid, was governed by sterotypes that formation. seized upon the same images and characteristics time and again because television after all depends on pictures.

By doing so, our TV, she said, failed to convey the whole range of judiciary reality which extends from the phase of police investigation all the way to the correctional institution, including ulti-

E.M.

Television showed a more or less criminal society against which the police is aged between 14 and 19.

dealt with in the series "XY-Unsolved" (a series depicting true crimes that have remained unsolved and calling on the the young of 1980 was reached by the public to assist the police) involves media much less than in 1974, murder although homicide accounts for The decline among those under 20 only 0.09 per cent of the crimes was 6 per cent for TV (which reaches

Donnepp also attacked the manner in per cent for radio (which reaches 19 per which TV stations report on the rehabi- cent) and 17 per cent for dailies (which

litation of criminals. In North Rhine-Westphalia, some 40,000 prisoners were given furlough in 1980, she said. And one out of five pri- (from 20 to 29) where 72 per cent are as conveyors of political information." soners served his sentence in an open reached by dailies and 81 per cent by Moreover, the generation under 30



hand, exaggerate the abuse of this type of correctional institution at the expense of objective reporting on the total field of rehabilitation. "Abuse is the exception rather than the rule," said Frau

tween the manner in which violence is presented on television and the statistical increase of aggression in this country. "The media should review their approach in the light of statistics," she

Speaking as a scientist, Schneider said that long-term surveys of numerous types of programmes ranging from news broadcasts to whodunnits showed that there was a trend to distort the phenomens that so with crimes of violence.

Radio and television, he said, usually omitted to look at things from a closeup perspective, the only one that helps promote understanding.

The criminal was rarely depicted within his environment. As a result, crime was not shown as it is but as the people want to see it.

Irrational reactions were thus promoted. The public could project all those things on to the happenings on the screen that it found intolerable for itself.

Why these patterns of simplification in the whodunnit? Says Schneider: "The programme makers orientate themselves by the public's need for simplification. Everything must be understandable. This would change with a close-up perspective that would provide more analysis

and arguments and less in the way of

His conclusions were thought provoking. There can be no doubt that certain inexplicable attitudes such as the crowds that gather on the scene of road accidents or the mass hysteria after spectacular attacks on high ranking personalities could be explained.

But the TV viewers are overtaxed because of their diminishing ability to distinguish between fantasy and reality.

First they are confronted with a real killing in the news service and then with a fictional murder in a crime movie. This leads to a constant confusion of elements of information and entertainment.

As a result, crime is not digested neither psychologically nor socially thus preventing any true insight into the problems involved.

Overemphasis of formalised social control (police and courts) is the conse-

In summing up, Herr Schneider said that broadcasting contributes in promoting a climate of violence in our society whenever it fails to strengthen informal

In view of the overwhelming evidence amassed by the "prosecution" in Cologne, the "accused" had no choice but to resort to a massive defence.

To this end, the organisers seized upon the director-general of the Saarland roadcasting System, Hubert Rohde.

But he seems to have misunderstood his role. Instead of correcting his accusers, he surprised the forum by praising the achievements and performance of our broadcasting corporations.

As if his function were to satisfy the

wishes of a group of visitor in is tion, Herr Rohde quoted steet amples of programmes provided own station to demonstrate los and objective they are. He used h quotas as criteria of the war handling of crimes in his on

But the examples cited by lin

wat down 2-6, 4-6 to Hanna squatter phenomenon.

minologist Kos-Rabcewicz-Zak s the Czech girl than her own on the commercial media in the state proved her undoing. States and Canada shed a differ that proved her undoing. The paper read by the Canal-

Violence on television, he sale win. If only Miss Hanika had major issue in Canada. He point in Borg handles tricky situative growing sensitivity to the life of could easily have been the tween television and aggression. tween television and aggression,

To provide orientation only ton the men's singles by beat"sex and crime" programmes provide films on television constantly, America
tions now provide films on the limits the daughter of a Mution, psychological understants
the provide of victory. criminals and similar subjects are propert of victory. video libraries — in other work at began in the style in which she

diminated Martina Navratilova and a liger, led 2-0 in the first set and broadcasting in Germany added taken aback by her own perforexplosiveness of the Cologne discre

Since our broadcasting systemic had never been in a grand slam verned by tune-in quotas at but was suddenly playing like an depends on the "marketing of Limb. Miss Mandlikova, the winner frailities", all attempts at common thours in 1980 and runner-up at tion must be warded off, said find headow, was in trouble.

the Czech girl, daughter of for-Schneider, on the other hand and 102-see. Olympic sprinter Vilem tle difference between private and wilk, came back into the game as mercial broadcasting systems. I enly a Miss Hanika lost her nerve

But his views are likely to be come court:
versial, says broadcasting expent Mandikova went on to win the gang Hoffmann-Richm in his sti commercial television in the US

According to him, "nothing ais to better tune-in quotas than the table over equipment has cast better tune-in quotas than the table over wind surfing's hopes of depiction of violence."

Rail Septembly summer games in Los Angeles. (Frankfurter Rundschau, 19 light statemational Yacht Racing Union an accused of being at the route nor television conveys the inference and of last year it ruled that

they consider politically relevant the arm the arm the arm to the windglider, which is of reporting in the medla "objet between by a German, Fred Osboth those between 14 and these banks." tween 20 and 29 shook their tession was taken so that wind

Only 11 per cent consider the thoughout the world would use objective and just under 30 per cal fised equipment.

the same of radio and television.

If these young people had to the schweitzer, the American who between media, the younger one is and patented the first Windsurmiss television slightly more is at than 10 years ago.

other media (32 per cent). While the land patented the first Windsurmiss television slightly more is at than 10 years ago.

would really miss would be refer in California and feels the

decision in favour of the Wind-But among those between 20 state the decision in favour of the Windstein among those between 20 state the decision in favour of the Windstein the decision are the just reward for matter than greatly. The same them greatly. The same the same than a pulles to radio while TV was the said: "We feel the Windsurfer group (ten years ago this figure to the said: "We feel the Windsurfer group (ten years ago this figure to the said: "We feel the Windsurfer that the decision in favour of the Windsurfer that the windsurfer that

and withdrawn wind surfing will 53 per cent). Even though the media has been event at the 1984 Olympassed the objectivity test of the

passed the objectivity test of the people, the link here is neverther tould afford to make such a calitical information: 53 per cent of the statement because a redrafted to 29-year-olds and 31 per cent of the last had been ruled in order by an 14 to 19-year-olds consider political court. This is a unlicensed board in the interest in entertainment. This is laster but even to use one, and nishes after the age of 20. So is the last clearly has no intention of population as a whole is concentrated to the public consider the laster clearly has no intention of population as a whole is concentrated to the public consider the laster clearly has no intention of population as a whole is concentrated to the public consider the laster clearly has no intention of the public consider the laster leading wind surfers have the laster clearly and the international Olym-

expectations of the general public taking leads of 2-0 and 4-0 in The public, incidentally, had been fatigued by Rohde's present the limit tennis ace Sylvia Hanika, data on his station's handling of the French Open in the limit tennis ace Sylvia Hanika, and the limit tennis ace Sylvia Hanika, been fatigued by Rohde's present the limit tennis ace Sylvia Hanika, and the limit tennis ace Sylvia Hanika, been fatigued by Rohde's present the limit tennis ace Sylvia Hanika, and the limit tennis ace Sylvia Hanika, been fatigued by Rohde's present the limit tennis ace Sylvia Hanika, been fatigued by Rohde's present the limit tennis ace Sylvia Hanika, been fatigued by Rohde's present the limit tennis ace Sylvia Hanika, been fatigued by Rohde's present the limit tennis ace Sylvia Hanika, been fatigued by Rohde's present the limit tennis ace Sylvia Hanika, been fatigued by Rohde's present the limit tennis ace Sylvia Hanika, been fatigued by Rohde's present the limit tennis ace Sylvia Hanika, been fatigued by Rohde's present the limit tennis ace Sylvia Hanika, been fatigued by Rohde's present the limit tennis ace Sylvia Hanika, been fatigued by Rohde's present the limit tennis ace Sylvia Hanika, been fatigued by Rohde's present the limit tennis ace Sylvia Hanika, been fatigued by Rohde's present the limit tennis ace Sylvia Hanika, been fatigued by Rohde's present the limit tennis ace Sylvia Hanika, been fatigued by Rohde's present the limit tennis ace Sylvia Hanika, been fatigued by Rohde's present the limit tennis ace Sylvia Hanika, been fatigued by Rohde's present the limit tennis ace Sylvia Hanika, been fatigued by Rohde's present the limit tennis ace Sylvia Hanika, been fatigued by Rohde's present tennis ace Sylvia Hanika, been fatigued by Rohde's present tennis ace Sylvia Hanika, been fatigued by Rohde's present tennis ace Sylvia Hanika, been fatigued by Rohde's present tennis ace Sylvia Hanika, been fatigued by Rohde's present tennis ace Sylvia Hanika, been fatigued by Rohde's present tennis ace Sylvia Hanika, been fa

Hanika baulks as French

Open victory beckons

trol and seemed on the point of regaining the upper hand. Suddenly she was scoring the game points and heading for a 4-0 lead in the second set. But 5-0 cluded her. At 4-3.

she failed to make it 5-3. While trailing 5-4 and serving herself, she again failed to win that next crucial game. On at least one occasion all she needed to have done was to hold her racket in position, but somehow or other she

was unable to. A centre court crowd of 18,000 at the Stade Roland Garros realised, as did Miss Mandlikova, that it was just not to be Miss Hanika's day.

So the Czech girl was able to win with a no more than average performance. It was their ninth encounter. They were level-pegging before the final, but Miss Hanika had led 3-1 this season.

Miss Mandlikova did not show the punch she had packed in eliminating Chris Evert Lloyd, for instance, earlier in the tournament.

Miss Hanika, if only her serves and her topspin (which so worried the Czech girl) had been up to par, would have shaken Miss Mandlikova as thoroughly as she herself was shaken.

Before her first major tournament win

A STATE 19-year-old Czech girl's shortcomings were those that have frequently proved Miss Hanika's undoing. She was short on finish. But in Paris, with her parents and her manager, Betty Stove of Holland, looking on, she took her first step towards emerging as the world's top

It was his sixth victory in the French Open and his fourth in succession.

He turned 25 the previous day, celebrating by winning one of his toughest matches on the way to the grand slam that is his objective.

Afterwards he freely admitted: "There were only a few points between us today even though the last set was clearly in

After a mysterious shoulder injury sustained in his first-round defeat in She will not be capable of winning Monte Carlo at the beginning of April by Victor Pecci, Borg was almost his old self again in Paris. Björn Borg of Sweden beat Ivan Lendl of

He may not have been in his very best form but he was certainly very good. Gerhard Zimmer

(Frankfurter Aligemeine Zeitung für Deutschland, 9 June 1981)

Wind surfing hit by squall

They call for a rethink on the decision to adopt the German board, claiming to feel it is evident that the officials

At less exalted levels in wind surfing circles there is talk of the political aspects of the decision. East Bloc representatives are said to have voted against the US model to avenge the

Surfers and sallors have long been at loggerheads. Dago Benz, the wind surfing pioneer and chairman of the Asso-

ciation of German Windsurfing Schools is forthright in his assessment of the si-Yacht-owners with their blue blazers

and neckties have always tended to look askance at the surfing community, dismissing wind surfers as men on ironing

Their path to recognition has, says Benz, been spiked with thorns, the well-heeled sailing community being

most reluctant to agree. Keen rivalry has arisen as more and more sailors take to boards. Continual crossfire in the German Yachting Asso-

ciation led early this year to a split. A German Windsurfing Association as set up to represent the interests of an estimated 300,000 German wind surfers. Vice-president Dago Benz hopes that will be the end of the matter.

Surfers have visions of an entirely new method of holding regattas. The point-to-point, borrowed from yachting but considered unsatisfactory for spectators, ought, it is argued, to be replaced by new and more dynamic disciplines.

What they have in mind are events such as a wind surfing slalom, speed and trick surfing disciplines.

IYRU representatives with such ideas, partly because new events of this kind would lead to even heavier expenditure on equipment.

Hoyle Schweitzer seems unperturbed by the possibility that arguments may prove to the detriment of wind surfing in general I (no agreement is reached advocates of wind surfing as an Olympic event will just have to wait until 1988, he says. In 1988 his patent will expire. Sabine Reuter

(Süddeutsche Zeitung, 3 June 1981)

Politically not so

It found that the generation under 30 (those questioned ranged from 14 to 29) Frau Donnepp zeroed in on the man- finds that newspapers, television and ra-

The media are losing their impor-

L tance as political informants, says a

poll commissioned by the various broad-

casting corporations.

Daily newspapers are less objective than radio and television, say respond-

said the dailies were objective compared to 30 per cent for radio and television. Despite this, daily newspapers are more popular than television in the 20-

29 age group. Radio is most popular among those

Thus, for instance, one in four cases attitudes towards the mass media from 1964 to 1980. The most conspicuous finding is that

committed in North Rhine-Westphalia. only 66 per cent of that age group), 11

reach 53 per cent). While newspapers and radio show improved results in the next age group radio), television's losses are massive in finds that neither the press nor radio

relevant

this age group where they amount to 7 per cent compared with only 2 per cent for the 30 to 39-year-olds.

While politicians still talk of a "youth addicted to television" these young people have changed their leisure time attitudes and along with them their politi-

Thirty four per cent of 15 to 19-yearolds said they were politically interested (up 13 per cent against 1974) and 53 pressed the same interest (up 15 per centl

The analysis concludes that there is not necessarily a contraction in the growing interest of young people in politics and their diminished interest in television "because political participation possibilities outside established organisations and parties play the more important role."

The conclusion closes with the terse statement: "It is evident that the established media are losing their importance

over Olympic equipment

pic Committee stating that in their view the German Windglider might be suited for overweight pensioners but not for top-flight athletes.

choice was based on criteria other than those that matter to competitors.

boycott of the Moscow Olympics.

woman tennis play-

er. "I now know

went on to lose.

about winning.

still lacks concentration.

am capable of winning on any court in

the world," she said, Miss Hanika's

DM50,000 in prize money is scant con-

solation for the knowledge that she has

The Paris final brought back me-

mories of a previous encounter in a final

in Kitzbühel two years ago when the

Munich girl led 6-2, 5-4 and 4-0, yet

major tournaments until she thinks less

In the final of the men's singles

Czechoslovakia 6-1, 4-6, 6-2, 3-6, 6-1 to

go one step further towards becoming

the most successful tennis player of al



Board over troubled waters

The rebels made no headway